

TRIPURA



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**PART--I-- Orders and Notifications by the Government of Tripura,
 The High Court, Government Treasury etc.**

**GOVERNMENT OF TRIPURA
 HOME (FIRE & EMERGENCY SERVICES) DEPARTMENT**

No.F.5(12)-PD/2013(P-II)(Part-I)/114

Dated, Agartala, the 9th January, 2024.

NOTIFICATION

In exercise of the powers conferred by the proviso to Article 309 of the Constitution of India, the Governor of Tripura in constitution with the Tripura Public Service Commission is hereby pleased to make the following rules regulating the method of recruitment to the post of Divisional Fire Officer under the Home (Fire & Emergency Services) Department namely: -

- 1. Short title commencement:** - These rules may be called 'Recruitment Rules', 2024 for the post of Divisional Fire Officer under the Home (Fire & Emergency Services) Department, Government of Tripura.
 - (a)** This shall come in force from the date of publication in the official Gazette.
 - 2.** The name of the post(s) shall be as specified in **Column-1** of the schedule annexed hereto.
 - 3. Number, Classification and scale of pay:** - The number of the said post, its classification and the scale of pay attached thereto shall be as specified in **column-2 to 4** of the schedules annexed hereto.
 - 4. Method of recruitment, age limit, qualification etc.** The method of recruitment to the said post, age limit, qualifications and other matters relating to the said post shall be as specified in **column 5 to 13** of the said schedule.
 - 5. Disqualification: - No person,**
 - a)** Who has entered into or contracted a marriage with a person having spouse living;
 OR
 - b)** Who, having a spouse living, has entered into or contracted a marriage with any person, shall be eligible for appointment to the said post: -
 Provided that the State Government may, if satisfied that such marriage is permissible under the Personal Law application to such a person and the other party to the marriage that there are other grounds for so doing, exempt any person from the operation of this rule.
 - 6. Power to relax:** - Where the State Government is of the opinion that it is necessary or expedient so to do, it may, by order, for reasons to be recorded in the writing and in consultation with the Tripura Public Service Commission and with concurrence of the G.A. (P&T) Department, may relax any of the provisions of these rules with respect to any class or category or persons.
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7. Repeal and Saving: -

- (i) The Recruitment Rules for the post namely Divisional Fire Officer under the Home (Fire & Emergency Services) Department, Government of Tripura issued vide Notification F.5(23)-PD/79 dated 11.09.1979 and even number dated 31.08.2005 are hereby repealed, provided further that any appointment made or order issued, action taken or anything whatsoever done under the rules so repealed shall be deemed to have been made, issued, taken or done under the corresponding provisions of these rules.
- (ii) Nothing in this Rule shall affect reservation, relaxation of age limit and other concessions required to be provided for the Schedule Castes, the Schedule Tribes, Ex-Servicemen and other special categories of persons in accordance with the orders issued by the State Government from time to time in this regard.

By order of the Governor,

Signed by Sumita
Chakraborty
Date: 08-01-2024 17:15:08
Reason: Approved

Deputy Secretary to the
Government of Tripura

ANNEXURE-III

No. F. 5(12)-PD/2013 (Part – II) (Part – I)
 Recruitment Rules for the post of Divisional Fire Officer
 under Home (Fire & Emergency Services) Department, Govt. of Tripura.

S C H E D U L E

1. Name of Post	Divisional Fire Officer (DFO).
2. No. of Posts	5 (five) plus additional posts as and when created.
3. Classification	Group- 'A' Gazetted.
4. Scale of pay	Level 14 of Tripura Pay Matrix-2018 (Rs. 54000-161300/-) Subject to revision by the Govt. from time to time.
5. Method of recruitment, whether by direct recruitment or by promotion or transfer on deputation and percentage of the vacancies to be filled by various methods	i. 50 % by promotion from the post of Assistant Divisional Fire Officer/ Station Officer failing which by direct recruitment and ii. 50% by direct recruitment through TPSC. [The direct recruitment will be carried out in light of New Recruitment Policy issued vide Notification No. F.20(1)-GA(P&T)/18 dated 05.06.2018 and 29.10.2020 of the GA(P&T) Department and details of recruitment procedure, syllabus is furnished at Appendix - A].
6. Age limit for direct recruitment	From 21 to 40 years as on the date of advertisement for recruitment. The age is relaxable by 5 years for ST/SC candidates. No age limit for departmental candidates.
7. Educational and other qualification required for direct recruitment	i. Minimum B.Sc or B.E. (Fire Engineering) / B.Tech (Fire Engineering) and at least 02 years experience in the Supervisory position in Government / Municipal/ Private Fire Services. ii. Having valid HTV Driving Licence. iii. Should have sound knowledge of Computer. iv. Minimum Physical Standard : <u>For Men</u> Height – 167 cms. (5 cms. relaxable for ST) Chest – 81 cms. with 5 cms. expansion. Eye sight: 6/6 without glass. <u>For Women</u> Height – 152 cms. (5 cms. relaxable for ST) Eye sight: 6/6 without glass. The candidates must not have any physical deformities like Flat feet, Knock knee, Colour blindness/Squint eye/ Wearing glass etc.

24	<p>v. Must have Permanent Resident Certificate of Tripura (PRTC).</p> <p>Desirable Qualification: Knowledge of Bengali or Kokborok (will be assessed in the Personnel Interview).</p>
8. Whether age and educational qualifications prescribed for the direct recruitment will apply in the case of promotion	(a) Age – No. (b) Educational & other qualifications – Graduate in any discipline from recognized university with minimum 3 years continuous service as Assistant Divisional Fire Officer/ Station Officer in the Department and passed the Divisional Officer Course from NFSC, Nagpur or equivalent.
9. Whether Selection post or Non-Selection post	Selection post
10. Period of probation, if any	2 (two) years
11. In case of recruitment by promotion/ transfer on deputation, grades from which promotion/ transfer on deputation is to be made	Promotion: From the grade of Assistant Divisional Fire Officer/ Station Officer having requisite qualification as item No. 8 above. Deputation: From officers holding analogous post under the other State Fire Services.
12. If a DPC exists, what is its composition	Group – "A" D.P.C.
13. Circumstances in which TPSC is to be consulted while making recruitment	As required under the TPSC (Exemption from Consultation) Regulations, 1973.
14. Repeal	The existing Recruitment Rules for the post of Divisional Fire Officer under Home (Fire & Emergency Services) Department, Tripura vide Notification No.F.5(23)-PD/79 dated 11.09.1979 and even number dated 31.08.2005 is hereby stand repealed.

Signed by Sumita
Chakraborty
Date: 08-01-2024 17:16:42
Reason: Approved

Deputy Secretary to the
Government of Tripura

Appendix-A

SELECTION PROCEDURE FOR THE POST OF DIVISIONAL FIRE OFFICER UNDER HOME (FIRE & EMERGENCY SERVICES) DEPARTMENT, GOVT. OF TRIPURA.

DIRECT RECRUITMENT

The selection process will consist three successive stages such as 1. Physical Measurement & Physical Endurance Test, 2. Written Test and 3. Personal Interview.

1. Physical measurement & physical deformity test of candidates will be done as prescribed in Recruitment Rules and candidates having prescribed physical standard will have to qualify in following Endurance Test both to be conducted by Tripura Fire & Emergency Services Department.

SL. No.	Event	Time / Target for Men	Time /Target for Women
1	200-meter run	40 seconds	50 Seconds
2	100-meter Fireman lift with 60 Kgs weight for men & 50 kg for women	40 seconds	50 Seconds
3	High Jump	3.5 feet	3 feet
4	Push up	30 times continuously	20 times continuously

2. The candidates being qualified in Endurance Test will have to qualify in Written Test followed by Personal Interview both to be conducted by TPSC. The necessary details of written examination & personal interview are given below:

Written Examination Total Marks - 500	Paper – I Full Marks – 100 (MCQ pattern) Duration of examination – 3 hours
	Paper - II Full Marks – 100 Duration of examination – 3 hours
	Paper - III Full Marks – 100 Duration of examination – 3 hours
	Paper – IV Full Marks – 100 Duration of examination – 3 hours

<p style="text-align: center;">Paper - V Full Marks – 100 Duration of examination – 3 hours</p>	
3. Personal Interview	<p style="text-align: right;">Full Marks 20</p> <p>[Out of total 20 marks, 2(two) marks will be reserved for knowledge of Bengali or Kokborok and 02(two) marks will be reserved for 02 years' experience in the Supervisory position in Government / Municipal/ Private Fire Services].</p>

N. B. Syllabus for written examination is attached herewith.

- i. The Standard of written examination will be on Degree (Science & Fire Engineering) examination of Indian University.
- ii. The TPSC may at their discretion fix the minimum qualifying marks in any or both subjects and in the aggregate.
- iii. The candidates qualified in Written Examination will be called for Personal Interview as per TPSC norms.
- iv. The final selection shall be made, subject to rules regarding reservation of posts for SCs/STs and other special categories, in order of merit, to be determined, on the basis of the aggregate score in Written Test, Personal Interview of each candidate.
- v. The candidates qualify in written test will must be required to present in the Personal Interview/ Personality Test for final recommendation.
- vi. In pursuance of Notification No. F.23(8)-GA(P&T)/2023 dated 07.07.2023 of the G.A. (P&T) Department, Government of Tripura, provisions for the Permanent Resident Certificate of Tripura (PRTC) as indicated at item No. 7(v) of the schedule, may be relaxed by the State Government, if necessary or expedient.

Signed by Sumita
Chakraborty
Date: 08-01-2024 17:14:13
Reason: Approved

Deputy Secretary to the
Government of Tripura.

**SYLLABUS FOR DIRECT RECRUITMENT OF DIVISIONAL FIRE
OFFICER UNDER
HOME (FIRE & EMERGENCY SERVICES) DEPARTMENT, GOVT.
OF TRIPURA.**

Written Examination Total Marks - 500	Paper - I Full Marks - 100 Duration of examination - 3 hours	Subjects' wise marks distribution General Knowledge & Current Affairs - 50 marks (MCQ Pattern) Bengali or Kokborok Language or Alternative English - 10 marks (Comprehension of given passage) (5 questions of 2 marks) English Grammar & Vocabulary - 40 marks (MCQ Pattern)
	Paper - II Full Marks - 100 Duration of examination - 3 hours	Fire Engineering Science (10 question of 5 marks) (5 question of 10 marks)
	Paper - III Full Marks - 100 Duration of examination - 3 hours	Fire Prevention & Protection (10 question of 5 marks) (5 question of 10 marks)
	Paper - IV Full Marks - 100 Duration of examination - 3 hours	Fire Technology (10 question of 5 marks) (5 question of 10 marks)
	Paper - V Full Marks - 100 Duration of examination - 3 hours	Fire Service Administration and Fire Ground Operations (10 question of 5 marks) (5 question of 10 marks)
	Personal Interview Full Marks 20 [Out of total 20 marks, 2(two) marks will be reserved for knowledge of Bengali or Kokborok and 02(two) marks will be reserved for 02 years' experience in the Supervisory position in Government / Municipal/ Private Fire Services].	

N.B. The Standard of written examination will be on Degree (Science & Fire Engineering) examination of Indian University. (Detailed syllabus attached).

Signed by Sumita Chakraborty
Date: 08-01-2024 17:12:57
Reason: Approved

Deputy Secretary to the
Government of Tripura

Paper - I

(General Knowledge & Current Affairs, Bengali or Kokborok Language or Alternative English and English Grammar & Vocabulary)
(Total Marks = 100 Time - 3 hours)

A. General Knowledge & Current Affairs (MCQ Pattern) - 50 marks

General Knowledge - 20 marks (20×1)

Topic	Marks
Tripura	05
India	06
World	03
Simple Arithmetic	03
Games & Sports	03

Current Affairs - 20 marks (20×1)

Topic	Marks
Tripura	06
India	08
North East	03
World	03

Aptitude Test - 10 marks (10×1)

B. Bengali or Kokborok Language or Alternative English - 10 marks
(5 questions of 2 marks)

Comprehension of given passage

(Passage will be given in both Bengali, Kokborok & English version)

C. English Grammar & Vocabulary (MCQ Pattern) - 40 marks (40×1)

(Tenses, Modals, Use of passive voice, prepositions, Noun clauses, questions, command & requests, statements, verb, word/sentence making, vocabulary etc.)

Paper – II

Fire Engineering Science

(Total Marks = 100 Time 3 hours)
(10 question of 5 marks & 5 question of 10 marks)

1. Mechanics & Hydraulics:

Mechanical units and their inter relationship, velocity, acceleration force, momentum, energy, power, pressure.

Force and velocity as vector quantities.

Flow of water in hose and pipelines- calculation of quantity and velocity.

Friction in both solids and liquids. Distinction between frictional force and frictional loss. Laws of friction. Coefficient of friction.

Discharge through orifices and nozzles. Coefficient of discharge. Short tube orifices. Purpose and design of branches and nozzles. Measurement of flow, pressure and pressure drop. Forces at a nozzle. Force exerted by a jet on a surface.

Pump action and design.

Brake power, water power and pump efficiency.

Density and specific gravity.

Centre of gravity and centre of buoyancy. Metacentric height, stability.

Forces in simple structures, Stability etc.

2. Electricity:

Simple idea of atomic structure.

The electron. Electric current as a flow of electrons.

Conductors and insulations.

Electrical Units, Volts, Ampere, Ohm, Watt, Kilowatt hours.

Ohms Law.

Heating magnetic and chemical effects of electric currents. Calculation of the heating effect of a current.

Primary and Secondary cells. Types of characteristics etc.

3. Heat:

Temperature, Distinction between Temperature and Heat. Temperature Scales.

Heat as energy. Quantity of heat; Calorie, Joule.

Specific Heat (Specific Heat Capacity) Latent Heats of Fusion and Evaporation.

Expansion. Coefficient of Expansion.

Gas Laws etc.

4. Radioactivity:

Nature of radioactivity.

Radioactive materials, decay, half-life.

Alpha and Beta Particles, Gamma Radiation.

Radiation detectors.

Radiological Safety.

Biological effects of radiation etc.

5. Chemistry and Combustion:

The outer shell of electrons in atom. Linking between atoms. Simple concepts of valency.

Elements, compounds, mixtures, metal and non-metals examined in the light section 1.5.1.

Chemical Symbols and formulae. Balancing chemical equations. Molecular weight. The Mole. Calculations of gas, density, vapour density and weights involved in chemical reactions.

Physical and chemical properties of metals. Reactions of metals with oxygen, nitrogen, carbon dioxide, water and steam.

Non-metallic elements; Oxygen, Hydrogen, Nitrogen, Carbon, Phosphorous, Sulphur, The Halogens and their simple compounds.

Simple organic chemistry. Hydrocarbons. Fuel and combustion flashpoint.

Fire point and spontaneous combustion.

Basic Plastics, Know the meaning of the terms, Thermoplastic, Thermosetting, Polymer, Polymerisation, Plasticiser, Monomer.

Principles of fire extinction (starvation, smothering, cooling- elementary ideas of combustion chains and effect of extinguishing media on chains).

Practical application of extinction principles etc.

6. Collection of Interpretation of Data:

Tabulation and graphical presentation of data, Preparation and interpretation of graphs, histogram, circular diagrams etc.

Paper -III

Fire Prevention & Protection

(Total Marks = 100 Time 3 hours)
(10 questions of 5 marks & 5 questions of 10 marks)

1. Fire Prevention and Fire Protection Principles:

Means of escape in case of fire.
Fire separation and compartmentation.
Procedures in case of fire- fire notices.
Allocation and setting of first aid firefighting equipment.
Emergency lighting systems.
Heating installations.
Ventilation systems- including fire venting.
Manufacture and storage of hazardous materials.
Housekeeping.
Fire loading.
Access for firefighting etc.

2. Building Construction:

Plan reading, Scales, Graphical symbols for fire protection drawings.
Building materials- properties, use and behavior in fire.
Building construction terminology.
Construction of walls, partitions, floors, roofs, columns, beams, doors, windows, staircases, shafts, ducts.
Construction of hearths and flues.
Lifts and fireman's lifts.
Building construction in relation to the requirements of Building Regulations etc.

3. Fixed Installations and Detector System:

Sprinkler systems and installations.
Drencher systems.
Water spray projector systems.
Rising mains.
Hose reels.
Foam installations including fixed pourers, base injection and high expansion.
Gas/ vapour fixed installations including carbon dioxide, inert gas, BCF, steam etc.
Dry Powder Installations including Ternary Eutectic Chloride (TEC) based powder.
Heat sensitive fire detectors.
Smoke/ combustion gas fire detectors.
Flame detectors.
Electrical fire alarm systems, manually and automatically operated.
Manufacture, use and maintenance of portable and transportable extinguishers and extinguishing equipments etc.

Paper – IV
Fire Technology

(Total Marks = 100 Time 3 hours)
(10 question of 5 marks & 5 questions of 10 marks)

1. Fire Fighting Vehicles and Appliances:

Pumps and Primers: Construction/ manufacture, use, tests and maintenance.
Practical operation of pumps and primers.
Manufacture and layout of firefighting vehicles and appliances.
Basic principles of petrol and diesel engines.
Power take-off systems.
Routine maintenance and simple fault finding of vehicles & appliances.
Basic knowledge of manufacture, layout and functions of fire boats.
Basic knowledge of manufacture, layout, functions and maintenance of specialized fire fighting vehicles etc.

2. Fire Service Equipments – Manufacture, Use and Maintenance:

Hydrants and standpipes.
Hose, hose reels, hose fittings and branches.
Ropes and lines.
Foam and foam-making equipments.
Ladders.
Breathing Apparatus and associated equipments.
Resuscitation equipments.
Hydraulic rescue equipments, cutting gear and other rescue equipments/ apparatus.
Salvage equipment and small gear.
Lighting equipments etc.

3. Fire ground Operations and Special Services:

Preplanning.
Action on arrival and control.
Methods of rescue.
Methods of entry.
Personnel Safety, breathing apparatus control procedures.
Fighting the fire and methods of extinguishment.
Fires in basement, chimneys, hearths, ducting and consumer electrical equipments.
Fires in gas and electrical undertakings, Petrochemicals plants, oil tanks farms, refineries and refrigeration plants.
Fires in dusts explosive-metals-plastics-animal and vegetable oils-paints, varnishes, gums, resins-hazardous chemicals.
Fires in high buildings.
Rural fires and silos.
Fires involving radioactive materials.
Ship fires.
Aircrafts fires and incidents.
Incidents involving hazardous loads.

Ventilation.

Salvage.

Investigation of cause of fire, arson.

Special Services including Railway accidents, Road Traffic Accidents, Lift Accidents and rescues. Underground accidents, Machinery Accidents, Disasters.

Fires involving LPG cylinders and installations.

Spillages of hazardous chemicals.

Hazchem system

Gas cylinder markings.

Major Disasters.

Decontamination procedures etc.

4. Communications, Mobilization & Computer Application:

Communications using land lines, Wireless Sets.

Teletypewriter systems.

Design, layout and operation of watch rooms and control rooms.

Information and records maintained in watch rooms and control rooms.

Operating principles of different radio schemes employing mobiles.

Call out systems using radio links.

Pocket alerters and paging units.

Portable fire ground communication equipments.

Operation/ maintenance of modern communication equipments etc.

Basic knowledge of Computer Application.

Computer Principles and use of Computer in Fire Service.

Paper - V

Fire Service Administration & Fire Ground Operations

(Total Marks = 100 Time 3 hours)
(10 question of 5 marks & 5 question of 10 marks)

1. Administration:

Conditions of Service, Accidents to Personnel, Reporting on Staff, Finance/Budgeting Procedure, Accommodation and Stores, Operational Records, Orders and Instructions, Planning, Transport, vehicles accidents, Public Relations, Press Relations, Administrative Formations/ Setup, Duties of different level in Fire Service, Chain of Command in Fire Service/ Police/ Uniformed Services, Rank & rank marking in Fire Service/ Police/ Paramilitary Forces/ Armed Forces etc.

2. Management:

Principles of Supervision, Communications, Functional Leadership, Recruitment/ Promotion Procedure, Personnel safety Management etc.

3. Training:

Preparation of Departmental/ Station level Training Programmes, Training aids, techniques & equipments, Methods of instruction, Exercise planning, Specialist training, Training modules/ preparation of syllabus etc.

4. Legislation:

Fire Service Act/ Rules.

Discipline Regulations.

Appointment and Promotion Regulations.

Health Safety at Work Act.

Water Act.

National Building Code (NBC).

Tripura Building Rules.

Leave Rules etc.

Petroleum Act. 1934

Explosive Rules 1987.

Factories Act. 1948.

Gas Cylinder Rules 1981.

Inflammable Substances Act. 1952.

Disaster Management Act.